



**EPA REGION I  
REMOVAL SITE INVESTIGATION**

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**Inspection Information**

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**Site Name:** John J Riley Site      **Address:** Salem Street  
**Town:** Woburn      **County:** Middlesex      **State:** Massachusetts  
**Date of Inspection:** August 11, 2005      **Time of Inspection:** 1430-1530 hours  
**Weather Conditions:** 85°F, calm, clear  
**Site Status at Time of Inspection:** ☒ **ACTIVE**      ☐ **INACTIVE**  
**Comments:**

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**Agencies/Personnel Performing Inspection**

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☒ **EPA:** Frank Gardner, On-Scene Coordinator and Joe Lemay, Remedial Project Manager  
☐ **EPA Contractor:**  
☒ **State:** Anna Mayer, Massachusetts Department of Environmental Protection  
☐ **Other:**

**Current Owner Based on Field Interview:** Organix, Inc.

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**Physical Site Characteristics**

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Parameter	Quantities/Extent
<input type="checkbox"/> <b>Cylinders:</b>	
<input type="checkbox"/> <b>Drums:</b>	
<input type="checkbox"/> <b>Lagoons:</b>	
<input type="checkbox"/> <b>Tanks:</b>	
<input type="checkbox"/> <b>Asbestos:</b>	
<input type="checkbox"/> <b>Piles:</b>	
<input checked="" type="checkbox"/> <b>Stained Soil:</b>	A bluish-gray layer of soil was observed on the north slope of the drainage swale in the northern (rear) portion of the Site.
<input type="checkbox"/> <b>Sheens:</b>	
<input type="checkbox"/> <b>Stressed Vegetation:</b>	
<input type="checkbox"/> <b>Landfill:</b>	
<input checked="" type="checkbox"/> <b>Population in Vicinity:</b>	9,806 people live within 1 mile, and access to the site is unrestricted. A worn footpath through the drainage swale and discarded beverage containers indicate that unauthorized individuals are accessing the Site.

## REMOVAL SITE INVESTIGATION

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### Physical Site Characteristics (Concluded)

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Parameter	Quantities/Extent
( ) Wells:	( ) Drinking:
	( ) Monitoring:
( ) Other:	

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### Field Quality Control Procedures

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(X) SOP Followed

( ) Deviation From SOP

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### Description of Sampling Conducted

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Three surface (0-3") soil samples were collected and transported to EPA's New England Regional Laboratory (NERL) for analysis.

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### Analyses

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Analytical Parameter	Media	Laboratory
( ) VOC	( ) AIR	(X) NERL
(X) PCB	( ) WATER	( ) CLP
(X) PESTICIDE	(X) SOIL	( ) PRIVATE
(X) METALS	(X) SOURCE	( ) SAS
( ) CYANIDE	( ) SEDIMENT	( ) SOW
( ) SVOC		( ) Field
( ) TOXICITY		
( ) DIOXIN		
( ) ASBESTOS		
( ) OTHER		

#### *Surface Soil Sample Locations and Results*

Sample ID	Date	Latitude	Longitude	Total Cr (mg/kg)	Total Pb (mg/kg)
jjr-050811-01	8/11/2005	42.49037	71.1342	86000	530
jjr-050811-02	8/11/2005	42.49065	71.13362	2100	260
jjr-050811-03	8/11/2005	42.49037	71.13417	3800	2500

## REMOVAL SITE INVESTIGATION

### Receptors

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#### Receptor Types

☐ **Drinking Water**

☐ **Private:**

☐ **Municipal:**

☐ **Groundwater:**

☒ **Unrestricted Access:** Access to the Site is unrestricted. A worn footpath through the drainage swale and discarded beverage containers indicate that unauthorized individuals are accessing the Site.

☒ **Population in Proximity:** 10,256 people live within 1 mile.

☐ **Sensitive Ecosystem:**

☐ **Other:**

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### Site Determination

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Depending on further information, criteria that may be met by the site include 40 CFR 300.415 [b] [2], parts:

- i. Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, pollutants or contaminants.
  - iv. High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate.
  - v. Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.
  - vii. The availability of other appropriate federal or state response mechanisms to respond to the release.
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### Report Generation

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**Originator:** Frank Gardner, On-Scene Coordinator

**Affiliation:** USEPA Region 1, EPRB

**Date:** February 21, 2006

**Telephone:** 617-918-1278

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